

20010911.qrp v02_n309.qrl.20010911

Date: Tue, 11 Sep 2001 19:03:06 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2309

QRP-L Digest 2309

Topics covered in this issue include:

- 1) [106759] Ten Tec "6N2" VHF rig?
by jcasey@notes.cc.sunysb.edu
- 2) [106760] Emtech QRP Transceivers
by Donn Kuse <casey.jay@gte.net>
- 3) [106761] Re: Ten Tec "6N2" VHF rig?
by Jim Lowman <jmlowman@ix.netcom.com>
- 4) [106762] Re: New Web Page
by "Brice D. Hornback" <bdh@cyberbound.net>
- 5) [106763] MFJ 259 Manual
by Michael Goins <mgoins@usa.net>
- 6) [106764] Re: MFJ 259 Manual
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 7) [106765] MV104 vs NTE617
by "TC Dufresne" <tdufresne@neb.rr.com>
- 8) [106766] Re: Riverside QRP Forum Report (very long)
by Jim Lowman <jmlowman@ix.netcom.com>
- 9) [106767] Re: Altoids Tins
by "Dave Fifield" <dave@redhotradio.com>
- 10) [106768] Stainless U-Bolts -- A Source
by "Chuck Carpenter" <w5usj@globeco.net>
- 11) [106769] Re: AO-40 Converters
by Stephan Greene <sgreene@patriot.net>
- 12) [106770] DExpedition for QRP AFIELD
by "John L. Sielke" <w2agn@pobox.com>
- 13) [106771] Re: DExpedition for QRP AFIELD
by "Dave Benson" <nn1g@earthlink.net>
- 14) [106772] Michiagn QRP Net Tuesday 9:00 PM Eastern Time 3.535 MHz
by "Kwik, Ed " <ed.kwik@delphiauto.com>
- 15) [106773] Fw: FAA has suspended ALL AIR TRAFFIC
by "Rob Matherly" <kc0bom@arrl.net>
- 16) [106774] Re: AO-40 Converters
by "Mike Yetsko" <myetsko@insydesw.com>
- 17) [106775] terrorist attack on US
by "Steve Farthing" <stephen@stevef.demon.co.uk>
- 18) [106776] Re: terrorist attack on US
by "Mike Yetsko" <myetsko@insydesw.com>
- 19) [106777] Re: FAA has suspended ALL AIR TRAFFIC

- by "Rod Cerkoney, NØRC" <rod@n0rc.com>
- 20) [106778] CANCEL NEQRP SSB NET Tonite
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
- 21) [106779] Re: [NJQRP] DExpedition for QRP AFIELD
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 22) [106780] GIVE BLOOD...
by "ss lyon" <sslyon@megalink.net>
- 23) [106781] Re: Altoids Tins
by "Dave Fifield" <dave@redhotradio.com>
- 24) [106782] Attack
by DK3RED@t-online.de (Ingo, DK3RED)
- 25) [106783] Red Cross appealing for blood
by "Brian" <brian@iquest.net>
- 26) [106784] Emergency net
by DK3RED@t-online.de (Ingo, DK3RED)
- 27) [106785] OT: Fw: [scaniowa] HF Traffic freqs - stolen from another list
by "Rob Matherly" <kc0bom@arrl.net>
- 28) [106786] Re: GIVE BLOOD...
by Mark R Milburn <mark.milburn@juno.com>
- 29) [106787] Fw: ARLX009 FCC, federal agencies shut down after terrorist attacks
by "Rob Matherly" <kc0bom@arrl.net>
- 30) [106788] US attack
by Euramcom <mel@euramcom.freemove.co.uk>
- 31) [106789] Re: Baluns a new perspective
by Bill Coleman <aa4lr@arrl.net>
- 32) [106790] Re: Baluns a new perspective
by Bill Coleman <aa4lr@arrl.net>
- 33) [106791] Re: GIVE BLOOD...
by "Mike Yetsko" <myetsko@insydesw.com>
- 34) [106792] Euramcom pages
by Euramcom <mel@euramcom.freemove.co.uk>
- 35) [106793] Re: Baluns a new perspective
by Bill Coleman <aa4lr@arrl.net>
- 36) [106794] Terrorist Attack
by Radioham <radioham@home.com>
- 37) [106795] Re: Emtech QRP Transceivers
by Bob Kellogg <ae4ic@nr.infi.net>

Date: Mon, 10 Sep 2001 19:01:31 -0400
From: jcasey@notes.cc.sunysb.edu
To: QRP-L@LEHIGH.EDU
Subject: [106759] Ten Tec "6N2" VHF rig?
Message-ID: <0FA7EF96AB.D7D9EB51-ON85256AC3.007D8069@cc.sunysb.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Gang,

What's the word on the new Ten Tec model 526 "6N2" VHF transceiver? If you have one, or you have operated one, please let me know what you think of it. Has anyone seen any reviews of it?

(This is a QRP question, since I would be cranking the power control down to 5w and below :-)

Thanks & 72,

Jeff

WB5GWB@ARRL.NET

"Ask me for information about the Long Island QRP Club"

Date: Mon, 10 Sep 2001 20:36:02 -0400
From: Donn Kuse <casey.jay@gte.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [106760] Emtech QRP Transceivers
Message-ID: <3B9D5C71.3EFCC5CF@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone had experience in building and operating these xcvsr? Now I've got another "moneky wrench" to put in my pile (besides the SW40 or K1)!

Their descriptions sound very enticing for the money. What's your opinion of their ZM2?

Looking for something not too complicated that requires a lot of test equip. I have none!

Also, I've been away from CW so long there are a few new things out there I need some explanations about. What is a keyer? What does it do? What is the TiCK-4 keyer kit I read about? All I've ever used is a straight key. Thanks for your help.

73, Donn, WB4ZWT

66 and still learning

Date: Mon, 10 Sep 2001 18:32:15 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: jcasey@notes.cc.sunysb.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [106761] Re: Ten Tec "6N2" VHF rig?
Message-ID: <3B9D699F.FD998A72@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jeff, I bought one just before Field Day, and took it to the Zuni Loop FD site to try it out.

Running 4 watts into a 3-element yagi, I was able to work a number of stations in 5-land from southern California in a 30-minute period, with the best DX being Louisiana. Of course, being at 7,000' elevation didn't hurt anything. :-)

I haven't used the 6N2 enough to give an intelligent review, but I do enjoy using it. Operation is a breeze, with everything on the front panel, which is a Ten-Tec hallmark. Never did like all those menus on the IC-706.

Since I had my hands full with the convention this week, I missed the VHF contest. Next contest, I'd like to compare the 6N2 with the IC-706 and the FT-847 on VHF.

72 de Jim - AD6CW

jcasey@notes.cc.sunysb.edu wrote:

>
> Gang,
>
> What's the word on the new Ten Tec model 526 "6N2" VHF transceiver? If you
> have one, or you have operated one, please let me know what you think of
> it. Has anyone seen any reviews of it?
>
> (This is a QRP question, since I would be cranking the power control down
> to 5w and below :-)
>
> Thanks & 72,
> Jeff
> WB5GWB@ARRL.NET
> "Ask me for information about the Long Island QRP Club"

Date: Mon, 10 Sep 2001 20:37:21 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [106762] Re: New Web Page
Message-ID: <027301c13a62\$4d027fe0\$6f01a8c0@lwrnc1.in.home.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks John... I've been working hard on putting that QRPP-I site together.
If anyone has any suggestions or articles, photos, etc. they would like to
contribute it would be greatly appreciated.

If you haven't seen it yet... check out <http://www.cyberbound.net/QRPP>

72 de Brice KA8MAV

----- Original Message -----

From: John R Kirby <n3aaz-qrp@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, September 10, 2001 9:24 AM
Subject: New Web Page

>
> WOW ! ! !
>
> A good looking web page related to the hobby . . .
>
> >><http://www.cyberbound.net/QRPP/><<
>
> Good job . . . Brice (KA8MAV) . . .
>
> John
> N3AAZ
> FM 19 xa
>
> -----
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.
>

Date: 10 Sep 2001 22:04:02 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-l@lehigh.edu
Subject: [106763] MFJ 259 Manual
Message-ID: <20010911030402.12367.qmail@aw161.netaddress.usa.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Just picked up a 259 (not the B), and was wondering if anyone might have =
a
manual for this analyzer? I know it's not the latest model, but the price=
was
right and I have had a ball playing with it so far. =

Would be glad to pay for a manual or coping costs and postage. Thanks.

mike
wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Tue, 11 Sep 2001 03:47:49
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: mgoins@usa.net, qrp-l@Lehigh.EDU
Subject: [106764] Re: MFJ 259 Manual
Message-ID: <F51820z9BaFLlJ3nqHe00008f79@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Did you check the online manuals on the MFJ web site?
73 - Mike WA8BXN

>
>Would be glad to pay for a manual or coping costs and postage. Thanks.

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Tue, 11 Sep 2001 04:05:38 +0100
From: "TC Dufresne" <tdufresne@neb.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [106765] MV104 vs NTE617
Message-ID: <002a01c13a6e\$a2e64ca0\$0dba1c41@neb.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am building the WBR in 08/01 QST, and I asked for a MV104 diode. I got a NTE617.

Are they the same/comparable part?

Tom

Date: Mon, 10 Sep 2001 21:40:38 -0700
From: Jim Lowman <jmllowman@ix.netcom.com>
To: ki6ds@dospalos.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, jallowman@ix.netcom.com
Subject: [106766] Re: Riverside QRP Forum Report (very long)
Message-ID: <3B9D95C6.8C7EC3AA@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug Hendricks wrote:

<snip>

> Got up Saturday morning bright and early and went to breakfast with Vern,
> Dave and Chuck. We were later joined by Jim and Judy Lowman. Jim, Judy
> and Bill P. were extremely nervous, worrying that no one would show up,
> grin. Boy did they miss that one.

I inadvertently increased Bill's anxiety by making an offhand comment a week or so before the convention, that I had assigned the QRP Forum to our largest room (capacity 125) at the Convention Center. Since I'm also the Treasurer for the Council that sponsored the convention, I spent most of my time at the registration table, taking money. After lunch, Doug ventured downstairs and told me that I should close the cash box and go up to the QRP room. I had to strain to see into the room, as there were people all over the place; on the tables on the perimeter of the room and in the doorway. When I returned to the registration table, Doug told me that there were 170 people attending Barry's (AD6HR) presentation on PSK-31. After that, the anxiety melted away and a calm returned, disrupted only by the concern that the fire marshall might wander in. :-)

Even at 10:30 PM, the QRP hospitality suite was half full. Judy and I arrived after dinner, as prizes were being awarded. Doug awarded Judy with one of Ann's teddy bears with the convention logo on its shirt. Doug asked me to say a few words and, for one of the few times, I was almost at

a loss for words, still overwhelmed by the participation in our QRP events.

However, I managed to put Bill on the spot, giving him the credit for the unprecedented (except for Pacificon or Dayton) turnout that he deserves. Back in the latter part of 1999, after I decided to co-chair the technical program committee, I approached Bill and the Lake Perris QRP Society gang at one of our monthly luncheon get-togethers, with the concept of bringing a full QRP program to the ARRL Southwestern Division Convention. In the two years following, I invited some of the top personalities in the QRP realm (Doug Hendricks, Chuck Adams, Wayne and Eric from Elecraft, Jim "Dr. Megacycle" Duffey, Barry Geipel, Vern Wright and Ed Hare) to present at the convention. Bill took the ball and ran with it, and attended to the remaining details that culminated in the unbelievable outpouring of interest in QRP activities on Saturday.

My initial idea was to expose the uninitiated in SoCal to QRP, with an objective of increasing the ranks of our newly-formed Lake Perris QRP Society. Our efforts were rewarded during the convention, when a few attendees approached me and said that they would be at the next LPQS get-together.

<snip>

> Guys this was the first ever QRP Forum at the SW Division Convention that
> lasted all day. Every single speaker had SRO crowds. People were
> complaining that they could not get in the rooms. The rest of the hams
> certainly took notice. Great job by Jim, Judy, and Bill.

Thanks, Doug! We appreciate your efforts, encouragement and elmering in helping to make this QRP Forum a big success!

I did, however, disregard one point of advice that you gave me; to have only a half day of presentations, since we were new at this. Beginning with your opening address, we had seven presentations on Saturday, the evening QRP open house, and Wayne's program on kitbuilding on Sunday. I hope you'll overlook this indiscretion. :-)

> Sunday morning Wayne Burdick had a talk on kit building, but I had to leave
> before it began. It was a great weekend, and I had a ball. Can't wait til
> next year. Thanks so much to Jim and Judy Lowman, Bill Phinizy and all of
> the rest of the wonderful hosts. You can be very, very proud of your event,
> it was wonderful. Thanks. 72, Doug, KI6DS

Again, thanks for your help, Doug! Also thanks again to Bill (K6WHP), Ed Hare, all of our guest speakers, and especially to the enthusiastic audience who made our convention an overwhelming success.

Judy and I are still beat from the long days and short nights this weekend, but

I wanted to acknowledge everyone who helped us to be successful.

I have sent an e-mail to my counterpart for the next Southwestern Division Convention in Escondido (San Diego area), offering Bill's and my services in setting up a QRP Forum for their convention. This is another great idea that Bill came up with, while we enjoyed a second visit to Pepito's Restaurant yesterday, after we closed the doors.

See everyone at Pacificon, where I can sit back and enjoy Doug's efforts at putting together another great QRP program.

72 de Jim - AD6CW

Date: Mon, 10 Sep 2001 22:12:07 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [106767] Re: Altoids Tins
Message-ID: <001a01c13a80\$4e51e7a0\$0200a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone have any spare Altoids tins that they would be willing to let me have? I need about 20 of them for a project that I'm working on (it's a small, one-off fun project....for Pacificon.... nothing to do with Red Hot Radio). I'll pay for them to be shipped to me. Anybody?

Cheers es 72,
Dave Fifield, AD6A

Date: Tue, 11 Sep 2001 07:33:52 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU, 50mhz@topica.com, vhf@w6yx.stanford.edu,
FT817@yahoogroups.com
Subject: [106768] Stainless U-Bolts -- A Source
Message-ID: <3.0.2.32.20010911073352.0080f2a0@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

Anyone looking for stainless U-bolts for antenna work, check out these folks.

<http://www.bosunsupplies.com/>

Just ordered a bunch and they arrived in short order. The ad sez they come with lock washers. The ad is incorrect. Be sure to get stainless lock washers to go with the bolts.

Folks who do boating/sailing, especially around salt water, probably already know about sources like this. I don't and didn't, and was glad to find them.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>

Date: Tue, 11 Sep 2001 08:48:27 -0400 (EDT)
From: Stephan Greene <sgreene@patriot.net>
To: lenny wintfeld <w2bvh@home.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [106769] Re: A0-40 Converters
Message-ID: <Pine.LNX.4.10.10109110842440.1765-1000000@tzion.greene.lan>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 10 Sep 2001, lenny wintfeld wrote:

> I'm looking for a site that has "cookbook" type info on making up
> and down converters for A0-40. I'd like to try A0-40 but not spend a
> lot of money getting to 2.4 GHz / 432 MHz. Are there any site around
> that describe how to "re-purpose" (cheap) used equipment designed for
> other applications ?

Lenny:

I don't have a specific site, but if you check archives of the amsat-bb mail list (try www.amsat.org), there has been a great deal of discussion about this topic for much of the past year.

There was also an article recently in QST by Steve Ford.

Best idea is to work on reception first, then TX.

The traditional low-cost approach appears to be retuning 2.4 GHZ MMDS and CATV equipment and use a 2M IF for receive. Issues are adequate noise figure and gain; many people are putting low noise preamps from DownEast, SSB, or Kuhne ahead of the converter.

I'm in the process of getting things hooked up. Initially I will be using a 36" BBQ-style MMDS dish, converted Drake converter (144 MHz IF) and my Icom 821H for the downlink and pieces of my old A013 station for uplink. I expect that receive performance will be marginal and plan on placing a low noise preamp ahead of the Drake.

At some point in the future, I will probably switch to an LBand uplink (smaller antennas).

Hope this helps you get started.

73
Steve KA1LM

Stephan A. Greene sgreene@patriot.net ka1lm@amsat.org

Date: Tue, 11 Sep 2001 08:59:22 -0400 (EDT)
From: "John L. Sielke" <w2agn@pobox.com>
To: qrp-l@lehigh.edu, fpqrp-l@mpna.com, elecraft@qth.net,
 njqrp@njqrp.org
Subject: [106770] DExpedition for QRP AFIELD
Message-ID: <XFMail.20010911085922.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

DExpedition to Delaware for QRP AFIELD!

I will be going to Brandywine Creek State Park in Delaware for QRP Afield. Looking to give out as many Delaware contacts during the contest as possible. I will be running my trusty K2, (with newly installed KAF2) and am bringing a BIG battery and my old laptop, to run QRPDUPE. Antenna will be either a 100' Zepp, inverted V style, supported by the DK9SQ mast, or, if no room, will use the trusty DK9SQ loop.

I will probably have to QRT around dark, as they close the park then. I will try to get at least the last hour in on 40M. Otherwise, will be on 10-20.

Also, this will be the "maiden voyage" of the "E.L. "Doc" Sielke Memorial Station."

Call used will be W3IYQ. (see <http://www.qsl.net/w2agn/w3iyq.html>)

So listen for W3IYQ not W2AGN.

John W2AGN/W3IYQ

Date: Tue, 11 Sep 2001 09:10:22 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <w2agn@pobox.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [106771] Re: DExpedition for QRP AFIELD
Message-ID: <001701c13adc\$43450f20\$c4e8d73f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John-

Good luck! I'll be camped out in Vermont - 20M during the day, 40M at night- hope to work you. :-)

73- Dave, K1SWL

-----Original Message-----
From: John L. Sielke <w2agn@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, September 11, 2001 6:00 AM
Subject: DExpedition for QRP AFIELD

DExpedition to Delaware for QRP AFIELD!

I will be going to Brandywine Creek State Park in Delaware for QRP Afield.
Looking to give out as many Delaware contacts

Date: Tue, 11 Sep 2001 10:06:36 -0400
From: "Kwik, Ed " <ed.kwik@delphiauto.com>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>

Subject: [106772] Michiagn QRP Net Tuesday 9:00 PM Eastern Time 3.535 MHz
Message-ID:
<9F176F70FD71AC48AFC36F879D2B84E38F35DC@tryexch01.NorthAmerica.DelphiAuto.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I did not make it last week. I was out in Austin, TX for the weekend and my flight back was late. Conditions should be good so join the fun.

Ed AB8DF Waterford, MI

Date: Tue, 11 Sep 2001 09:33:18 -0500
From: "Rob Matherly" <kc0bom@arrl.net>
To: "Rathbun Area Hams" <rathbun-area-hams@yahoogroups.com>,
"QRPP-I" <QRPP-I@yahoogroups.com>,
Subject: [106773] Fw: FAA has suspended ALL AIR TRAFFIC
Message-ID: <001001c13ace\$b71a1b60\$6c11a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FAA has suspended ALL AIR TRAFFIC
<http://www.emergencye.com/>

I hope the bastards that did this bombing rot in hell. I cannot believe the world trade center is gone, the pentagon is going, and now another plane has been hijacked and is being targeted at capitol building. What a way to start a day. All these people dead for some damn Palestine liberation group. Where are the nukes?

Date: Tue, 11 Sep 2001 10:40:59 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [106774] Re: A0-40 Converters
Message-ID: <000d01c13acf\$c8b79400\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On Mon, 10 Sep 2001, lenny wintfeld wrote:

> I'm looking for a site that has "cookbook" type info on making up
> and down converters for A0-40. I'd like to try A0-40 but not spend a
> lot of money getting to 2.4 GHz / 432 MHz. Are there any site around
> that describe how to "re-purpose" (cheap) used equipment designed for
> other applications ?
>
> Lenny:

Might want to keep an eye out for some of the old 2.3Ghz converters
that were the rage back in the early 80's. Subscription services used
to use nearby frequencies around Dallas and Ft Worth for a thing
called 'On TV', and I was told HBO used broadcast in a number of
places.

The most common one I was familiar with was a small 'stop sign'
hexagonal PCB that fit on the back of a coffee can. It converted
down to about 60Mhz or so for channel 3 reception on your TV.

Even new back then a kit was under \$30.

Mike
N1DVJ

Date: Tue, 11 Sep 2001 16:08:55 +0100
From: "Steve Farthing" <stephen@stevef.demon.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [106775] terrorist attack on US
Message-ID: <MABBLGJEEFHCJIEHNCOFMEDFCGAA.stephen@stevef.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Dear American QRP'rs,

My thoughts are with you and yours as this tragedy unfolds. As, I am sure,
are those of the world wide QRP community. Lets hope that the loss of life
is minimal and the perpetrators are swiftly brought to justice.

73 de

Steve Farthing
G0XAR
Wiltshire
England

Date: Tue, 11 Sep 2001 11:15:02 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <stephen@stevef.demon.co.uk>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [106776] Re: terrorist attack on US
Message-ID: <001a01c13ad4\$8a690260\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

At this point, it appears phone lines and a lot of other communications are jammed, but that may be very 'localized' disruptions. Phone service crossing into NYC or nearby areas is almost assuredly out from the load. (CNN and most other news services are jammed and unusable. Other web sites are actually seeing very low loads right now.)

I wouldn't be surprised to see FCC emergency declarations soon.

Also, I'm sure there will be localized emergency callups. If you are part of any group, HAM or not, you might want to make sure you stay 'available'...

Mike

Date: Tue, 11 Sep 2001 09:18:24 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: <kc0bom@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [106777] Re: FAA has suspended ALL AIR TRAFFIC
Message-ID: <000f01c13ad5\$008e37d0\$6401a8c0@c919125b>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No doubt we're all angry, emotions are high. We must remain calm,
focus our energy on those affected most and ease their suffering. To
do anything else plays into the hands of the perpetrators.

To those on the list personally affected, my deepest sympathy.

73, Rod NØRC
Ft Collins, CO

----- Original Message -----

From: "Rob Matherly" <kc0bom@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, September 11, 2001 8:33 AM
Subject: Fw: FAA has suspended ALL AIR TRAFFIC

>
>
>
> FAA has suspended ALL AIR TRAFFIC
> <http://www.emergencye.com/>
>
> I hope the bastards that did this bombing rot in hell. I cannot
believe
> the world trade center is gone, the pentagon is going, and now
another
> plane has been hijacked and is being targeted at capitol building.
What a
> way to start a day. All these people dead for some damn Palestine
> liberation group. Where are the nukes?
>
>

Date: Tue, 11 Sep 2001 11:24:38 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: neqrp@jonal.net, qrp-l@Lehigh.EDU
Subject: [106778] CANCEL NEQRP SSB NET Tonite
Message-ID: <0FE518B100.2359E7E2-ON85256AC4.005461BF@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

No net tonite.

See all next week.

R0n - N1ZSW

Date: Tue, 11 Sep 2001 11:29:43 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: njqrp@njqrp.org
Cc: qrp-1@lehigh.edu, fpqrp-1@mpna.com, elecraft@qth.net
Subject: [106779] Re: [NJQRP] DExpedition for QRP AFIELD
Message-ID: <3B9E2DE7.A513CFA0@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think it would be neat if the Club could join in. Delaware is a good place and rare enough for QRP. It would be a bit different from things we've done in the past.

"John L. Sielke" wrote:

>
> DExpedition to Delaware for QRP AFIELD!
>
> I will be going to Brandywine Creek State Park in Delaware for QRP Afield.
> Looking to give out as many Delaware contacts during the contest as possible.
> I will be running my trusty K2, (with newly installed KAF2) and am bringing a
> BIG battery and my old laptop, to run QRPDUPE. Antenna will be either a 100'
> Zepp, inverted V style, supported by the DK9SQ mast, or,
> if no room, will use the trusty DK9SQ loop.
>
> I will probably have to QRT around dark, as they close the park then. I will
> try to get at least the last hour in on 40M. Otherwise, will be on 10-20.
>
> Also, this will be the "maiden voyage" of the "E.L. "Doc" Sielke Memorial
> Station."
>
> Call used will be W3IYQ. (see <http://www.qsl.net/w2agn/w3iyq.html>)
>
> So listen for W3IYQ not W2AGN.
>
> John W2AGN/W3IYQ
>
> ===== NJ QRP Club Mailing List =====
> To unsubscribe from this list, send email to listserver@applegate.org

> and put the text "unsubscribe njqrp" in the message. To post a
> message to the list, send email to njqrp@njqrp.org.

--

+++++

T.J. "SKIP" AREY N2EI

Elecraft K2 #946 & K1 #717

Specialization is for insects! LAZARUS LONG

Date: Tue, 11 Sep 2001 11:31:41 -0400
From: "ss lyon" <sslyon@megalink.net>
To: "Lyon, Fran" <Fran0700@aol.com>, "Lyon, Dan" <Danlyon1985@aol.com>,
"Gardner, Honey" <honeyleora@aol.com>,
Subject: [106780] GIVE BLOOD...
Message-ID: <005701c13ad6\$db7e89c0\$5d8798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

At this horrific time we must proceed with sanity to support efforts to save
live first. We must find appropriate centers and give blood so that no one
will be deprived of that vital component... something most of us CAN do now.
Further, we can so what is possible to assist in coordinated
transport/delivery.

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel, Me, 04217 U.S.A.
207-836-2576

Date: Tue, 11 Sep 2001 09:00:10 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [106781] Re: Altoids Tins
Message-ID: <003b01c13ada\$d6571f80\$0200a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have many more offers of tins than I can use.
Thanks to all - no more....please! I was not
prepared for the rush of email - I could have
hundreds of tins if I took them all! What a great
bunch of people you all are. Thanks again.

Cheers es 72,
Dave Fifield, AD6A

Date: Tue, 11 Sep 2001 18:35:30 +0200
From: DK3RED@t-online.de (Ingo, DK3RED)
To: Elecraft <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [106782] Attack
Message-ID: <3B9E3D52.9F4F602A@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

<http://www.cnn.com/>

Ingo, DK3RED

Date: Tue, 11 Sep 2001 12:47:14 -0400
From: "Brian" <brian@iquest.net>
To: "QRP-L" <qrp-l@lehigh.edu>, "pigs" <fpqrp-l@mpna.com>
Subject: [106783] Red Cross appealing for blood
Message-ID: <001101c13ae1\$69078e40\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Red Cross appeals for blood: 1-800-448-3543

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE

SOC #400 AND FLYING PIGS QRP #-57

Date: Tue, 11 Sep 2001 19:29:59 +0200
From: DK3RED@t-online.de (Ingo, DK3RED)
To: Elecraft <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [106784] Emergency net
Message-ID: <3B9E4A17.3AC698A3@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Emergency net operating on 14.326; VA & PA Races nets on 7.240; another PA emergency net about to start up 3.875. The 14.326 net is probably the best bet for traffic to/from the NYC area.

Ingo, DK3RED

Date: Tue, 11 Sep 2001 12:46:46 -0500
From: "Rob Matherly" <kc0bom@arrl.net>
To: "Flying Pigs" <fpqrp-l@mpna.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
Subject: [106785] OT: Fw: [scaniowa] HF Traffic freqs - stolen from another list
Message-ID: <006b01c13ae9\$bba79e80\$c311a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

----- Original Message -----

From: Mike Martin <mmartin@valleyviewranch.org>
To: ScanIowa <scaniowa@yahoogroups.com>
Sent: Tuesday, September 11, 2001 10:59 AM
Subject: [scaniowa] HF Traffic freqs - stolen from another list

For any of you hams on the list, or anyone with access to a shortwave receiver, there is a lot of traffic concerning the emergency at 14396.5 USB and some at 5236.0 USB. These are U.S. Government SHARES stations communicating with message traffic.

--

Mike and Sheren Martin
LiveWire #57 IAQRP #7
Valleyview Ranch
W MLM
Patrolman, Colfax, Iowa PD

Vietnam Vet and Proud of it

AIM: isfp39
ICQ: 6647368
Paltalk: isfp39

<http://www.valleyviewranch.org>

Galesburg, Iowa

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.277 / Virus Database: 146 - Release Date: 09/05/2001

----- Yahoo! Groups Sponsor ----->
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<http://us.click.yahoo.com/47cccB/4m7CAA/ySSFAA/CPMo1B/TM>
----->

Message Archives for this list are located at:

<http://groups.yahoo.com/group/scaniowa>

To unsubscribe send a blank email to:

scaniowa-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>

Date: Tue, 11 Sep 2001 13:00:29 -0500

From: Mark R Milburn <mark.milburn@juno.com>
To: sslyon@megalink.net
Cc: qrp-1@Lehigh.EDU
Subject: [106786] Re: GIVE BLOOD...
Message-ID: <20010911.130658.-434607.1.MARK.MILBURN@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I headed for the Blood Center as soon as I heard the word...long lines at the door. A blood center rep said that the response has been overwhelming and they can't handle everyone. The main thing to remember is that they will need blood for weeks, not just today. Call them tomorrow, the next day, the next day....they will need a continuous flow for quite a while.

72 mark, KQ0I

On Tue, 11 Sep 2001 11:31:41 -0400 "ss lyon" <sslyon@megalink.net> writes:
> At this horrific time we must proceed with sanity to support efforts
> to save
> live first. We must find appropriate centers and give blood so that
> no one
> will be deprived of that vital component... something most of us CAN
> do now.
> Further, we can so what is possible to assist in coordinated
> transport/delivery.
>
> Seabury & Sharon Lyon
> 99 Sparrowhawk Mtn Rd
> Bethel, Me, 04217 U.S.A.
> 207-836-2576
>
>

Date: Tue, 11 Sep 2001 13:03:56 -0500
From: "Rob Matherly" <kc0bom@arrl.net>
To: "Keith Foglesong" <metal4life@netscape.net>
Cc: "Rathbun Area Hams" <rathbun-area-hams@yahoogroups.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
Subject: [106787] Fw: ARLX009 FCC, federal agencies shut down after terrorist attacks
Message-ID: <00eb01c13aec\$21db5640\$c311a541@intern01>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

----- Original Message -----

From: W1AW Mailing List <w1aw-list-request@p1k.arrl.org>
To: <jimrob@jetnetinc.net>
Cc: <W1AW List: ;>
Sent: Tuesday, September 11, 2001 12:37 PM
Subject: ARLX009 FCC, federal agencies shut down after terrorist attacks

SB SPCL @ ARL \$ARLX009
ARLX009 FCC, federal agencies shut down after terrorist attacks

ZCZC AX09
QST de W1AW
Special Bulletin 9 ARLX009
>From ARRL Headquarters
Newington CT September 11, 2001
To all radio amateurs

SB SPCL ARL ARLX009
ARLX009 FCC, federal agencies shut down after terrorist attacks

Along with most other federal agencies, the FCC has closed its offices and sent its employees home in the wake of apparent terrorist attacks this morning in New York City, Washington, DC, and elsewhere. The FCC has issued no emergency declaration nor other special instructions to the Amateur Radio community. The ARRL has advised amateurs to stay alert to instructions from local authorities. President George W. Bush has announced that the US military is on high alert in the US and abroad.

US air traffic was shut down after two airliners struck the twin towers of the 110-story World Trade Center in New York City this morning within a short time of each other. The building's towers partially collapsed in the wake of the collisions. An aircraft subsequently crashed into the Pentagon, and another aircraft crashed near Pittsburgh, reportedly after being hijacked. American Airlines and United Airlines both have acknowledged that they have lost planes this morning. More than 260 died in the crashes. Thousands were believed injured in New York City; there's no estimate on the number killed.

New York City-Long Island Section Emergency Coordinator Tom Carrubba, KA2D, said there has been no request for any Amateur Radio

Emergency Service response at this time, although hams have been requested to assist the American Red Cross. New York City's emergency management offices are located in the World Trade Center. He said he was alerting all amateurs, especially ARES and Radio Amateur Civil Emergency Service personnel, to get prepared and to stand by. Carrubba said he's in the process of setting up a command channel on a linked repeater system that will cover the area from New York City into Long Island's Suffolk County. Kenneth Goetz, N2SQW, reports New York State RACES is operational on 3.993.5 and 7.248 MHz handling emergency and governmental-type traffic. He asked amateurs to avoid these frequencies.

In the Washington, DC, area, Virginia SEC Tom Gregory, N4NW, says Virginia ARES has been put on alert but has not yet been activated. ''I've asked everyone to monitor the emergency frequencies and to keep a full tank of gas.'' He said the attack on Washington has resulted in a massive traffic jam as workers in DC attempt to leave the capital; cellular telephone communication was next-to-impossible. While no emergency nets are in operation yet, Gregory said all repeaters would be available as well as 7.243 MHz and 3.947 MHz on HF.

Virginia RACES reportedly has been activated at the state emergency operations center at Virginia State Police headquarters in Richmond as a precautionary measure.

The FCC's Riley Hollingsworth today suggested that the amateur community remain calm but ready. He invited amateurs monitoring any suspicious radio activity to contact him, and he will relay relevant information to the FCC duty team. He advised monitors to tape such radio traffic, if possible.

Should a state of war be declared, Amateur Radio would not automatically be shut down. This requirement was eliminated prior to the Gulf War.

NNNN

/EX

Date: Tue, 11 Sep 2001 19:38:25 +0100
From: Euramcom <mel@euramcom.freeseve.co.uk>
To: <qrp-1@lehigh.edu>
Subject: [106788] US attack
Message-ID: <E15gsTZ-0001Qq-00.2001-09-11-19-41-37@cmailg7.svr.pol.co.uk>

Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

It is difficult to imagine a scenario such as is being played out=
on
our TV screens to-day.

If this were a movie, I think we would all be saying it was too
far-fetched and fancifull to be true.

I hope that none of our list members, their relatives or friends=
are
involved in injury or worse.

My sympathy goes out to all concerned. There can never be
justification for the loss of innocent life, no matter the=
grievance
or imagined grievance of those who would choose to perform such=
acts
of atrocity.

We must all reflect that "there but for the grace of God (Allah,=
Buddah, or whatever god you hold dear) go I"

Mel

Somehow lessened as a member of the world community by to-day's
events.

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeseerve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit <http://www.euramcom.freeseerve.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Tue, 11 Sep 2001 14:57:16 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [106789] Re: Baluns a new perspective

Message-ID: <20010911185820.KWRF17949.imf08bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 9/5/01 4:06 PM, Karl F. Larsen at k5di@zianet.com wrote:

>Well ladies, heard a lot about baluns on this list, and there was a lot of
>things said about the joys of either the 4:1 "Voltage" and the 1:1
>"Current" types. You can find the circuits for both in the ARRL Handbook
>and nowhere do they tell you one is better than the other.

The 2000 ARRL Handbook does not mention voltage baluns at all. I'm told
the 2001 handbook is the same.

>In my measurement of the MFJ garden variety C-L-C tuner I have discovered
>an interesting thing. This tuner is very tolerant of loads that are larger
>than 50 ohms. At loads lower than 50 ohms it sucks! The thing is very
>difficult to adjust, and when adjusted it has high loss. So, if there is a
>way to make loads as high as possible, it should be used.

Perhaps a simpler tuner to consider is a reversible L network. It will
match both high and low impedance loads.

>MFJ uses a 4:1 balun and it's not the best choice. This balun, when it's
>working, reduces the load impedance by a factor of 4. In other words if
>the balanced feedline had an impedance of 40 ohms, it gives the tuner a 10
>ohm load! The tuner doesn't like that.

One other problem - a 4:1 voltage balun doesn't have particularly good
balance, and doesn't really have a 4:1 transformation when faced with
reactive loads.

A 1:1 current balun is probably better suited to matching an unbalanced
tuner to balanced line.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 11 Sep 2001 14:59:29 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <k5di@zianet.com>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [106790] Re: Baluns a new perspective
Message-ID: <20010911190031.HFGC12551.imf07bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 9/5/01 5:57 PM, Karl F. Larsen at k5di@zianet.com wrote:

>
>Mike I think that's the problem. If your using 450 ohm line...but the REAL
>point is your using a balanced feedline of undisclosed feedpoint impedance
>and you need to make it unbalanced and then transform to 50 ohms.

For most installations, the feedline impedance of balanced line is not important. You rely on the low-loss characteristics of the feedline itself to not become too lossy when carrying other load impedances.

So, a n:1 balun isn't really needed, especially when the impedance of the antenna is highly variable (as in the multi-band doublet scenario).

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 11 Sep 2001 15:02:21 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [106791] Re: GIVE BLOOD...
Message-ID: <004001c13af4\$5254b980\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Blood supplies today may be sufficient, but check with your local blood bank.

If you DO give blood, see if there are corporate sponsorships.
Sometimes
you can get family 'coverage' by giving as part of a group. In other cases,
there may be other tie ins with donations for groups (although I doubt

that would be an issue now, it never hurts if your company may make a cash donation while you're making the physical donation, especially for non-profit groups).

Also, if you can't give today, try to get on a 'call list', especially if your blood type is not common. Needs there can be sudden and acute in that they may not keep the reserves. I've gotten a call at 10pm to ask me to give at 7am the next morning...

Finally, find out what factors may affect your giving. Recent infections, drugs, travel, whatever. Please know in advance if you can give in the first place, especially with the zoo the next few days are going to be.

Mike

Date: Tue, 11 Sep 2001 20:17:26 +0100
From: Euramcom <mel@euramcom.freemove.co.uk>
To: <qrp-1@lehigh.edu>
Cc: <qgqrp@yahoo.com>
Subject: [106792] Euramcom pages
Message-ID: <E15gt3A-0004b0-00.2001-09-11-20-18-24@cmailg5.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi Gangue,

Two years on and finally all tube data is tabulated on the tubes=
equivalents pages.

Please visit as needed for tubes/valves=
semiconductorsd/transistor
resistors and capacitor/cvondenser info US and Euro equivalents.

New pages to come - - -KIT manufacturer suppliers.

Regards

mel

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeserve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit <http://www.euramcom.freeserve.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Tue, 11 Sep 2001 15:19:58 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <w3irz@att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [106793] Re: Baluns a new perspective
Message-ID: <20010911192101.YEIA14965.imf17bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 9/6/01 11:38 AM, Mike Branca at w3irz@att.net wrote:

>I've been enjoying all the discussion of baluns and have commented a few
>times too. But the discussion seems to omit the obvious: why bother with
>any core material. Air wound baluns are cheap, efficient, simple and fun to
>make. And with no core losses, minimal wire losses and choice of ratio they
>should be more common.

There's a couple of reasons to choose a cored balun over an air-core one.

First, air-core baluns aren't usually wound in a toroid. The self-shielding aspect of the toroid can be important -- it avoids inductive coupling to adjacent wires or circuits.

Second, an air-core balun has to have quite a few turns to have sufficient choking inductance. For a nominal 50 ohm 1:1 transformation, the recommended impedance would be at least 500 ohms.

Third, an air-core balun with a lot of turns is going to have a low series-resonant frequency. Long before you reach the series-resonant frequency, the impedance of the balun coil will reduce sufficiently so that it ceases to be an effective balun. So, if you want to have a wideband balun, air-core isn't a good choice.

Forth, an air-core balun is very bulky and heavy, which could be a consideration at the feedpoint of an antenna.

Of course, air-core baluns do have advantages -- they are inexpensive to construct, don't suffer from any core loss or loss tangent. They are capable of handling great power with ease.

>My "Broomstick" baluns are simple to construct. Simply bi-filar wind 10
>turns of 12 or 14 gauge insulated wire (stripped from Romex) around a
>broomstick; remove the broomstick and wire in series. This yields a 4:1
>balun and to get a 1:1 balun simply add 10 more turns either inside or
>outside of the 4:1 balun.

This sounds like a voltage balun. You don't need nearly as much inductance for a voltage balun, but it doesn't do as good a job balancing the currents as a current balun.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 11 Sep 2001 15:22:39 -0400
From: Radioham <radioham@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [106794] Terrorist Attack
Message-ID: <5.0.2.1.0.20010911150823.009fed00@netmail.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I am one of those nameless persons working in the Pentagon. Through luck or divine intervention my office is located two wedges from the one that took the direct hit. While not as devastating as the World Trade Center attacks, there is no question that there are many casualties at this location. We have been evacuated and I have no idea when we will be able to return.

The people that were in the area that took the hit were most likely vaporized as there was a huge fireball and concussion as the fuel tanks exploded. The aircraft that hit the building was fully fueled for a transcontinental flight. Collateral damage extends in either direction from the main impact area and most of injured are from those areas. Basically, one wedge of the structure has entirely collapsed. This was the one that was just completely refurbished with fireproof walls and reinforced blast resistant concrete. The fire damage you see on TV is mostly of the part that was not yet refurbished - most folks from those

offices had been moved, and therefore many were empty. Unfortunately, some did not move out of the building, but into the newly renovated space.

The Washington DC National Guard has been activated and both DC and VA have declared a state of emergency. There are a lot of rumors running around about other attacks in DC and elsewhere - they are just that - rumors. There are no reports of any other verified terrorist activity.

Steve, N4EUK
Reston, VA

Date: Tue, 11 Sep 2001 10:41:58 -0400
From: Bob Kellogg <ae4ic@nr.infi.net>
To: casey.jay@gte.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [106795] Re: Emtech QRP Transceivers
Message-ID: <3B9E22B6.ECF3B35C@nr.infi.net>
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Donn,

I've build several of the NW80/20 series, and used them extensively. Placed in the top ten in several QRP contests using the EMTECH single band rigs and wire antennas. In short, they are excellent rigs.

I also have a Sierra and one of Dave Benson's SW series rigs for comparison. You can't go wrong with any of these transceivers, it just depends on which features you want.

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73,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, not nececelery. -Benny Hill

End of QRP-L Digest 2309

